Electrocardiograph - portable

MODEL - 1206

Overview

Standard/Cabrera 12-Leads
7”LCD Color Screen
Simultaneously 12-Leads Acquisition
Manual/auto 3CH, 3CH+1R, 3CH+2R, 6CH, 6CH+1R display
Manual/auto 6-Channels Simultaneously-
Printing (without distortion)
Electrode Disconnection Alarm (Diagram)
Automatic measurement & analysis
5minutes arrhythmia analysis
Security type: Ⅰ type CF

Quality Standards

ISO9001
ISO13485
CMD
CCC

Standard Package

1206 ECG Machine (with battery)
Patient Cable
Chest Electrodes
Limb Electrodes
Thermal Printing Paper
Power Cord
Grounding Wire
User Manual
Paper Axis

Optional Accessories

Series Electrodes
Thermal Printing Paper
SD Memory Card
Lithium Battery
Workstation Software
Workstation Trolley
Laser/Inkjet Printer
Paper Axis

Technique Specification

Sampling rate: 8000Hz (1ms)
Frequency Response: 0.05 ~ 150Hz (-3dB)
Time Constant: ≥ 3.2s
CMRR: > 100dB
Patient Leakage Current: <10μA
Input Mode: floating input
Input Circuit: < 50μA
Noise Level: ≤ μVp~p
Sensitivity valve: 20 μV
Polarization Voltage: ±600mV
Calibration Voltage: 1mV ±2%
Continuous Operating: AC ≥ 10h & DC ≥ 3h
A/D shift: ≥ 20
Input Impedance: ≥ 50 MΩ
Sensitivity: 1.25, 2.5, 5, 10, 20, 40 mm/mV±2%
(6levels/automatic adjustment)
Paper Speed: 5, 6.25, 10, 12.5, 25, 50mm/s ±3% (6 levels adjustment)
Recording Mode: Thermal array printer
8 dot/ mm (Vertical)
40 dot/ mm (Horizontal, 25mm/s)
Paper Size:
112mm×20m, thermal roll paper
Filter:
AC: 50/60Hz (-20dB);
EMG: 25/35Hz (-3dB);
Drift: 0.15Hz - 0.5Hz
High Frequency: 70Hz/100Hz/150Hz

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Electrocardiograph - portable

MODEL 1212

Overview

Standard/Cabrera 12-Leads
9”LCD Color Touch Screen
Simultaneously 12-Leads Acquisition
Manual/auto 3CH+3R, 6CH, 6CH+1R, 12CH, 12CH+1R display
Manual/auto 12-Channels Simultaneously-
Printing (without distortion)
Electrode Disconnection Alarm (Diagram)
Automatic measurement & analysis
1minute/5minutes arrhythmia analysis
Security type: Ⅰ type CF

Quality Standards

ISO9001
ISO13485
CMD
CCC

System Inputs & Outputs

RS-232/ USB2.0/ RJ-45/ SD Interface
Audio Output Interface

Standard Package

1212 ECG Machine (with battery)
Patient Cable
Chest Electrodes
Limb Electrodes
Thermal Printing Paper
Power Cord
Grounding Wire
User Manual
Paper Axis

Optional Accessories

Series Electrodes
Thermal Printing Paper
SD Memory Card
Lithium Battery
Workstation Software
Workstation Trolley
Laser/Inkjet Printer
Paper Axis

Technique Specification

Sampling rate: 8000Hz (1ms)
Frequency Response: 0.05 ~ 150Hz (-3dB)
Time Constant: ≥ 3.2s
CMRR: > 100dB
Patient Leakage Current: <10μA
Input Mode: floating input
Input Circuit: < 50μA
Noise Level: ≤ μVp~p
Sensitivity valve: 20 μV
Polarization Voltage: ±600mV
Calibration Voltage: 1mV ±2%
Continuous Operating: AC ≥ 10h & DC ≥ 3h
A/D shift: ≥ 20
Input Impedance: ≥ 50 MΩ
Sensitivity: 1.25, 2.5, 5, 10, 20, 40 auto mm/mV±2%
(6levels/automatic adjustment)
Paper Speed: 5, 6.25, 10, 12.5, 25, 50mm/s ±3% (6 levels adjustment)
RecordingMode: Thermal array printer
8 dot/ mm (Vertical)
40 dot/ mm (Horizontal, 25mm/s)
Paper Size: 210mm×20m or 216mm×20m, thermal roll paper
Filter:
AC: 50/60Hz (-20dB);
EMG: 25/35Hz (-3dB);
Drift: 0.15Hz -0.5Hz
High Frequency: 70Hz/100Hz/150Hz

Electrocardiograph - portable

MODEL - 1201

Features:

Simultaneous acquisition of 12-lead ECG data, 12 leads waveform display and print by segment

4.3 inch LCD screen

Manual\Auto 1CH, 2CH,1CH+1R printing,60 Sec arrhythmia waveform Analysis

100 ECG data storage, SD card support

Alarm of electrodes breaking off, body diagram indicate the unconnected lead area

V1,V3,V5 chest lead examination mode, easy operation. It can record one case ECG data in 9 seconds. It is very useful for the large-scale Examination.

Voice prompts, allowing the operator with intuitive, more reliable.

Standard configurations:

Main machine: 1 unit

Patient cable: 1 unit

Limb electrode (Adult): 1set (4pcs)

Chest electrode (Adult):1set(6pcs)

Power cable: 1unit

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Electrocardiograph - portable

MODEL - 1201G

Overview
Standard/Cabrera 12-Leads
4.3”LCD Color Screen
Simultaneously 12-Leads Acquisition
Manual/auto 1CH, 2CH, 1CH+1R display
Manual/auto 1-Channel Simultaneously-
Printing (without distortion)
Electrode Disconnection Alarm (Diagram)
Automatic measurement & analysis
60seconds arrhythmia analysis
Security type: Ⅰ type CF

System Inputs & Outputs

RS-232/ USB2.0/ RJ-45/ SD Interface
Audio Output Interface

Standard Package

1203G ECG Machine (with battery)
Patient Cable
Chest Electrodes
Limb Electrodes
Thermal Printing Paper
Power Cord
GroundingWire
User Manual
Paper Axis

Optional Accessories

Series Electrodes
Thermal Printing Paper
SD Memory Card
Lithium Battery
Workstation Software
Workstation Trolley
Laser/Inkjet Printer
Paper Axis

Technique Specification

Sampling rate: 8000Hz (1ms)
Frequency Response: 0.05 ~ 150Hz (-3dB)
Time Constant: ≥ 3.2s
CMRR: > 100dB
Patient Leakage Current: <10μA
Input Mode: floating input
Input Circuit: < 50μA
Noise Level: ≤ μVp~p
Sensitivity valve: 20 μV
Polarization Voltage: ±600mV
Calibration Voltage: 1mV ±2%
Continuous Operating: AC ≥ 10h & DC ≥ 3h
A/D shift: ≥ 20
Input Impedance: ≥ 50 MΩ
Sensitivity: 1.25, 2.5, 5, 10, 20, 40 mm/mV±2%
(6levels/automatic adjustment)
Paper Speed: 5, 6.25, 10, 12.5, 25, 50mm/s ±3% (6 levels adjustment)
RecordingMode: Thermal array printer
8 dot/ mm (Vertical)
40 dot/ mm (Horizontal, 25mm/s)
Paper Size: 50mm×20m, thermal roll paper
Filter:
AC: 50/60Hz (-20dB);
EMG: 25/35Hz (-3dB);
Drift: 0.15Hz - 0.5Hz
High Frequency: 70Hz/100Hz/150Hz

Quality Standards

ISO9001
ISO13485
CMD
CCC

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Electrocardiograph - portable

MODEL - 1103L

Features:

Leads: 12 standard leads, lead change manually/automatically
Acquisition Mode: 12 lead acquisition simultaneously
Input Circuit Floating, protection against defibrillator effect
A/D switch: 12 bit
Time Constant: ≥3.2s
Frequency Response 0.05Hz ~ 165Hz
Sensitivity Auto, 2.5, 5, 10, 20,40 (mm/mV) ±5 %
Input Impedance ≥50M (10Hz)
Input Circuit Current ≤50nA
Input Voltage Range ±5 mVpp
Calibration Voltage 1mV±2%
Depolarization Voltage ±500m V
Noise <15 Vp-p
Filter EMG Filter: 25/45Hz
ADS Filter: Yes/No
HUM Filter: Yes/No
CMRR ≥100dB
Patient Leakage Current<10 A (a.c.)
Dielectric Strength: 4000V rms

Safety Standards	MDD93/42/EEC	Medical Device Directive
	IEC 60601-1: 1988 +A1:1991+A2: 1995	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
	IEC 60601-2-25:1993 + A1:1999	Medical electrical equipment - Part 2-25: Particular requirements for the safety of electrocardiographs; Amendment 1
	IEC 60601-1-2: 2007	Medical electrical equipment Part 1: General requirements for safety -2 Collateral standard: Electromagnetic compatibility - Requirements and tests
	EN 60601-1-4: 1999	Medical electrical equipment - Part 1-4: General requirements for safety - Collateral standard: Programmable electrical medical systems
	EN 60601-2-51: 2003	Medical electrical equipment – Part 2-51: Particular requirements for safety, including essential performance, of recording and analyzing single channel and multi-channel electrocardiograph
	EN ISO14971-2007	Medical devices - Application of risk arrangement to medical devices
	YY1139:2000	Single and multi-channel electrocardiograph

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Electrocardiograph - portable

MODEL - 1106L with RS232 Interface

Features:

Leads: 12 standard leads, lead change manually/automatically
Acquisition Mode: 12 lead acquisition simultaneously
Input Circuit Floating, protection against defibrillator effect
A/D switch: 12 bit
Time Constant: ≥3.2s
Frequency Response 0.05Hz ~ 165Hz
Sensitivity Auto, 2.5, 5, 10, 20,40 (mm/mV) ±5 %
Input Impedance ≥50M (10Hz)
Input Circuit Current ≤50nA
Input Voltage Range ±5 mVpp
Calibration Voltage 1mV±2%
Depolarization Voltage ±500m V
Noise <15 Vp-p
Filter EMG Filter: 25/45Hz
ADS Filter: Yes/No
HUM Filter: Yes/No
CMRR ≥100dB
Patient Leakage Current<10 A (a.c.)
Dielectric Strength: 4000V rms

Safety Standards	MDD93/42/EEC	Medical Device Directive
	IEC 60601-1: 1988 +A1:1991+A2: 1995	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
	IEC 60601-2-25:1993 + A1:1999	Medical electrical equipment - Part 2-25: Particular requirements for the safety of electrocardiographs; Amendment 1
	IEC 60601-1-2: 2007	Medical electrical equipment Part 1: General requirements for safety -2 Collateral standard: Electromagnetic compatibility - Requirements and tests
	EN 60601-1-4: 1999	Medical electrical equipment - Part 1-4: General requirements for safety - Collateral standard: Programmable electrical medical systems
	EN 60601-2-51: 2003	Medical electrical equipment – Part 2-51: Particular requirements for safety, including essential performance, of recording and analyzing single channel and multi-channel electrocardiograph
	EN ISO14971-2007	Medical devices - Application of risk arrangement to medical devices
	YY1139:2000	Single and multi-channel electrocardiograph

Electrocardiograph - portable

MODEL - 1103G

Safety Standards	MDD93/42/EEC	Medical Device Directive
	IEC 60601-1: 1988 +A1:1991+A2: 1995	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
	IEC 60601-2-25:1993 + A1:1999	Medical electrical equipment - Part 2-25: Particular requirements for the safety of electrocardiographs; Amendment 1
	IEC 60601-1-2: 2007	Medical electrical equipment Part 1: General requirements for safety -2 Collateral standard: Electromagnetic compatibility - Requirements and tests
	EN 60601-1-4: 1999	Medical electrical equipment - Part 1-4: General requirements for safety - Collateral standard: Programmable electrical medical systems
	EN 60601-2-51: 2003	Medical electrical equipment – Part 2-51: Particular requirements for safety, including essential performance, of recording and analyzing single channel and multi-channel electrocardiograph
	EN ISO14971-2007	Medical devices - Application of risk management to medical devices
	YY1139:2000	Single and multi-channel electrocardiograph

Classification	Anti-electric-shock type:	Class 1 with internal power supply
	Anti-electric-shock degree:	Type CF with defibrillator protection
	Degree of protection against harmful ingress of water:	Ordinary equipment (Sealed equipment without liquid proof)
	Degree of safety of application in the presence of flammable gas:	Equipment not suitable for use in the presence of flammable gas
	Working Mode:	Continuous operation
	EMC:	Group1, Class B

Recorder	Record Mode	Thermal dot-matrix printer
	Recording Paper	Rolled or folded thermo-sensitive paper
	Paper Width	210/216mm
	Recording Width	200/206mm

	Paper Speed	6.25, 12.5, 25, 50mm/s(±3%)
	Accuracy of data	±5% (X- axis), ±5 %(Y- axis)

HR Recognition	Technique	Peak-peak detection
	HR Range	30BPM~215BPM
	Accuracy	±1BPM

External Input/Output (Optional)	Input (Single ended)	Input impedance ≥100k ; Sensitivity 10mm/V±5%;
	Output (Single ended)	Output impedance≤100 ; Sensitivity 1V/mV±5%;
Communication Interface	RS232 serial port/USB	

ECG Unit	Leads:	12 standard leads, lead change manually/automatically
	Acquisition Mode:	12 lead acquisition simultaneously
	Input Circuit	Floating, protection against defibrillator effect
	A/D switch:	12 bit
	Time Constant:	≥3.2s
	Frequency Response	0.05Hz ~ 165Hz
	Sensitivity	Auto, 2.5, 5, 10, 20,40 (mm/mV) ±5 %
	Input Impedance	≥50M (10Hz)
	Input Circuit Current	≤50nA
	Input Voltage Range	<±5 mVpp
	Calibration Voltage	1mV±2%
	Depolarization Voltage	±500m V
	Noise	<13 Vp-p
	Filter	EMG Filter: 25/45Hz
		ADS Filter: Yes/No
		HUM Filter: Yes/No
	CMRR	≥100dB
Patient Leakage Current:		<10 A (a.c.)
Dielectric Strength:		4000V rms

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Electrocardiograph - portable

MODEL - T10

Safety Standards	IEC 60601-1: 1988 +A1:1991+A2: 1995	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
	GB9706.1: 2007	
	IEC 60601-2-25:1993 + A1:1999	Medical electrical equipment - Part 2-25: Particular requirements for the safety of electrocardiographs; Amendment 1
	GB10793: 2000	
	EN 60601-1-4 -1999	Medical electrical equipment - Part 1-4: General requirements for safety - Collateral standard: Programmable electrical medical systems
	EN 60601-2-51:2003	Medical electrical equipment – Part 2-51: Particular requirements for safety, including essential performance, of recording and analyzing single channel and multichannel electrocardiograph
	IEC 60601-1-2: 2007	Medical electrical equipment Part 1: General requirements for safety - 2 Collateral standard: Electromagnetic compatibility - Requirements and tests
	YY1139:2000	Single and multichannel electrocardiograph

Classification	Anti-electric-shock type:	Class 1 with internal power supply
	Anti-electric-shock degree:	Type CF with defibrillator protection
	Degree of protection against harmful ingress of water:	Ordinary equipment (Sealed equipment without liquid proof)
	Degree of safety of application in the presence of flammable gas:	Equipment not suitable for use in the presence of flammable gas
	Working Mode:	Continuous operation
	Signal Input & Output	With a signal input and output part
	EMC:	Group1, Class B

Dimensions	338mm×280mm×85mm
Net Weight	About 5kgs
Display	T10: 10.2 inches 1024×600 multicolor LCD Screen T12: 12.1 inches 800×600 multicolor LCD Screen

Environment		Transport	Storage	Working
	Temperature	-20°C~+55°C	-10°C~+40°C	+5°C~+40°C
	Relative Humidity	25%~95%	25%~85%	25%~85%
	Atmospheric Pressure	700hPa~1060hPa	700hPa~1060hPa	700hPa~1060hPa

Power Supply	AC Power Supply	Rated voltage=100V~240V
		Rated frequency = 50/60Hz
		Rated input power = 90VA
	External DC power supply	Rated output voltage=19V
		Rated output current=3.5A
	Built-in rechargeable Battery Pack	Rated voltage = 14.4V
		Discharge cut - off voltage≥11V
		Rated capacity = 4400mAh
		Charge mode: Constant current/voltage
		Charge current (standard) < 0.3C5A(1320mA)
		Charge voltage (standard) = (16.8±0.1V)
		Cycle life ≥500 times
	Power Consumption	70VA(max)
	Fuse	T2A/AC 250V Ø5×20

Recorder	Record Mode	Thermal dot-matrix printer
	Recording Paper	Rolled or folded thermo-sensitive paper
	Paper Width	Roll thermo sensitive paper: 210/216 mm Z-fold thermo sensitive paper: 210x90 mm
	Effective width	Roll thermo sensitive paper: 200/206 mm Z-fold thermo sensitive paper: 200x90 mm
	Paper Speed	5 mm/s,6.25 mm/s,10 mm/s,12.5 mm/s,25mm/s, 50mm/s (±3%)
	Accuracy of data	±5%

HR Recognition	Technique	Peak-peak detection
	HR Range	30BPM~215BPM
	Accuracy	±1BPM

External Input/Output (Optional)	Input (Single ended)	Input impedance ≥100k ; Sensitivity 10mm/V±5%;
	Output (Single ended)	Output impedance≤100 ; Sensitivity 1V/mV±5%;
Communication Interface	RS232 serial port/USB	

ECG Unit	Leads:	12 standard leads, lead change manually/automatically
	Acquisition Mode:	12 lead acquisition simultaneously
	Input Circuit	Floating, protection against defibrillator effect
	A/D switch:	24 bit
	Time Constant:	≥3.2s
	Frequency Response	0.05Hz ~ 165Hz
	Sensitivity	Auto, 2.5, 5, 10, 20,40 (mm/mV) ±5 %
	Input Impedance	>50M (10Hz)
	Input Circuit Current	≤50nA
	Input Voltage Range	< ±5 mVpp
	Calibration Voltage	1mV±2%
	Depolarization Voltage	±700m V
	Noise	<12 Vp-p
	Filter	EMG Filter: 25/35/45Hz
		ADS Filter: Yes/No
		HUM Filter: Yes/No 50/60Hz
	CMRR	≥120dB
Patient Leakage Current:		<10 A (a.c.)
Dielectric Strength:		4000V rm

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Electrocardiograph - portable

MODEL - T12

Safety Standards	IEC 60601-1: 1988 +A1:1991+A2: 1995	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
	GB9706.1: 2007	
	IEC 60601-2-25:1993 + A1:1999	Medical electrical equipment - Part 2-25: Particular requirements for the safety of electrocardiographs; Amendment 1
	GB10793: 2000	
	EN 60601-1-4 -1999	Medical electrical equipment - Part 1-4: General requirements for safety - Collateral standard: Programmable electrical medical systems
	EN 60601-2-51:2003	Medical electrical equipment – Part 2-51: Particular requirements for safety, including essential performance, of recording and analyzing single channel and multichannel electrocardiograph
	IEC 60601-1-2: 2007	Medical electrical equipment Part 1: General requirements for safety -2 Collateral standard: Electromagnetic compatibility - Requirements and tests
	YY1139:2000	Single and multichannel electrocardiograph

Classification	Anti-electric-shock type:	Class 1 with internal power supply
	Anti-electric-shock degree:	Type CF with defibrillator protection
	Degree of protection against harmful ingress of water:	Ordinary equipment (Sealed equipment without liquid proof)
	Degree of safety of application in the presence of flammable gas:	Equipment not suitable for use in the presence of flammable gas
	Working Mode:	Continuous operation
	Signal Input & Output	With a signal input and output part
	EMC:	Group1, Class B

Dimensions	338mm×280mm×85mm
Net Weight	About 5kgs
Display	T10: 10.2 inches 1024×600 multicolor LCD Screen T12: 12.1 inches 800×600 multicolor LCD Screen

Environment		Transport	Storage	Working
	Temperature	-20°C~+55°C	-10°C~+40°C	+5°C~+40°C
	Relative Humidity	25%~95%	25%~85%	25%~85%
	Atmospheric Pressure	700hPa~1060hPa	700hPa~1060hPa	700hPa~1060hPa

Power Supply	AC Power Supply	Rated voltage=100V~240V
		Rated frequency = 50/60Hz
		Rated input power = 90VA
	External DC power supply	Rated output voltage=19V
		Rated output current=3.5A
	Built-in rechargeable Battery Pack	Rated voltage = 14.4V
		Discharge cut - off voltage≥11V
		Rated capacity = 4400mAh
		Charge mode: Constant current/voltage
		Charge current (standard) < 0.3C5A(1320mA)
		Charge voltage (standard) = (16.8±0.1V)
		Cycle life ≥500 times
	Power Consumption	70VA(max)
	Fuse	T2A/AC 250V Ø5×20

Recorder	Record Mode	Thermal dot-matrix printer
	Recording Paper	Rolled or folded thermo-sensitive paper
	Paper Width	Roll thermo sensitive paper: 210/216 mm Z-fold thermo sensitive paper: 210x90 mm
	Effective width	Roll thermo sensitive paper: 200/206 mm Z-fold thermo sensitive paper: 200x90 mm
	Paper Speed	5 mm/s,6.25 mm/s,10 mm/s,12.5 mm/s,25mm/s, 50mm/s (±3%)
	Accuracy of data	±5%

HR Recognition	Technique	Peak-peak detection
	HR Range	30BPM~215BPM
	Accuracy	±1BPM

External Input/Output (Optional)	Input (Single ended)	Input impedance ≥100k ; Sensitivity 10mm/V±5%;
	Output (Single ended)	Output impedance≤100 ; Sensitivity 1V/mV±5%;
Communication Interface	RS232 serial port/USB	

ECG Unit	Leads:	12 standard leads, lead change manually/automatically
	Acquisition Mode:	12 lead acquisition simultaneously
	Input Circuit	Floating, protection against defibrillator effect
	A/D switch:	24 bit
	Time Constant:	≥3.2s
	Frequency Response	0.05Hz ~ 165Hz
	Sensitivity	Auto, 2.5, 5, 10, 20,40 (mm/mV) ±5 %
	Input Impedance	>50M (10Hz)
	Input Circuit Current	≤50nA
	Input Voltage Range	< ±5 mVpp
	Calibration Voltage	1mV±2%
	Depolarization Voltage	±700m V
	Noise	<12 Vp-p
	Filter	EMG Filter: 25/35/45Hz
		ADS Filter: Yes/No
		HUM Filter: Yes/No 50/60Hz
	CMRR	≥120dB
Patient Leakage Current:		<10 A (a.c.)
Dielectric Strength:		4000V rms

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Electrocardiograph - portable

MODEL - 1112M

Safety Standards	MDD93/42/EEC	Medical Device Directive
	IEC 60601-1: 1988 +A1:1991+A2: 1995	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
	IEC 60601-2-25:1993 + A1:1999	Medical electrical equipment - Part 2-25: Particular requirements for the safety of electrocardiographs; Amendment 1
	IEC 60601-1-2: 2007	Medical electrical equipment Part 1: General requirements for safety -2 Collateral standard: Electromagnetic compatibility - Requirements and tests
	EN 60601-1-4 -1999	Medical electrical equipment - Part 1-4: General requirements for safety - Collateral standard: Programmable electrical medical systems
	EN ISO14971-2007	Medical devices - Application of risk management to medical devices
	YY1139:2000	Single and multichannel electrocardiograph

Classification	Anti-electric-shock type:	Class 1 with internal power supply
	Anti-electric-shock degree:	Type CF with defibrillator protection
	Degree of protection against harmful ingress of water:	Ordinary equipment (Sealed equipment without liquid proof)
	Degree of safety of application in the presence of flammable gas:	Equipment not suitable for use in the presence of flammable gas
	Working Mode:	Continuous operation
	EMC:	Group1, Class B

]Dimensions	338mm×280mm×85mm			
Net Weight	3.5kgs			
Display	7.0 inches 800×480 color LCD			
Environment		Transport	Storage	Working
	Temperature	-20°C~+55°C	-10°C~+40°C	+5°C~+40°C
	Relative Humidity	25%~95%	25%~85%	25%~85%
	Atmospheric Pressure	700hPa~1060hPa	700hPa~1060hPa	700hPa~1060hPa

Power Supply	Mains Supply	Rated voltage=100V~240V
		Rated frequency = 50/60Hz
		Rated input power = 75VA
	External DC power supply	Rated output voltage=19V
		Rated output current=3.5A
	Built-in rechargeable Battery Pack	Rated voltage = 14.4V
		Discharge cut - off voltage≥11V
		Rated capacity = 4400mAh
		Charge mode: Constant current/voltage
		Charge current (standard) < 0.3C5A(1320mA)
		Charge voltage (standard) = (16.8±0.1V)
		Cycle life ≥500 times
	Fuse	T2A/AC 250V Ø5×20

Recorder	Record Mode	Thermal dot-matrix printer
	Recording Paper	Rolled or folded thermo-sensitive paper
	Paper Width	Rolled paper: 210/216 mm; folded paper: 210mm×90mm
	Effective width	Rolled paper: 200/206mm; folded paper: 200mm×90mm
	Paper Speed	5 mm/s, 6.25 mm/s, 10mm/s, 12.5 mm/s, 25mm/s, 50mm/s(±3%)

HR Recognition	Technique	Peak-peak detection
	HR Range	30BPM~215BPM
	Accuracy	±1BPM

External Input/Output (Optional)	Input (Single ended)	Input impedance ≥100k ; Sensitivity 10mm/V±5%;
	Output (Single ended)	Output impedance≤100 ; Sensitivity 1V/mV±5%;
Communication Interface	RS232 serial port/USB	

ECG Unit	Leads:	12 standard leads, lead change, manually/automatically
	Acquisition Mode:	12 lead acquisition simultaneously
	Input Circuit	Floating, protection against defibrillator effect
	A/D switch:	12 bit
	Time Constant:	≥3.2s
	Frequency Response	0.05Hz ~ 165Hz
	Sensitivity	Auto, 2.5, 5, 10, 20,40 (mm/mV) ±5 %
	Input Impedance	>50M (10Hz)
	Input Circuit Current	≤50nA
	Input Voltage Range	±5 mVpp
	Calibration Voltage	1mV±2%
	Depolarization Voltage	±700m V
	Noise	<15 Vp-p
	Filter	EMG Filter: 25/35Hz
		ADS Filter: Yes/No
		HUM Filter: Yes/No
	CMRR	≥100dB
Patient Leakage Current:		<10 A (a.c.)
Dielectric Strength:		4000V rms

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